

FORM PTO-1390 (Modified)
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

K T0215

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)

09/673202

INTERNATIONAL APPLICATION NO.
PCT/JP00/01123INTERNATIONAL FILING DATE
25 February 2000 (25.02.00)PRIORITY DATE CLAIMED
26 February 1999 (26.02.99)

TITLE OF INVENTION

CURVE GENERATING APPARATUS AND CURVE GENERATING METHOD, AND PROGRAM RECORDING MEDIUM

APPLICANT(S) FOR DO/EO/US

SHIMADA, Shigehiro; TSUKAMOTO, Junichi; and TOTSUKA, Takashi

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)). w/Verification of Translation.
7. ☒ A copy of the International Search Report (PCT/ISA/210).
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (unsigned)
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 20 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. w/Form 1449 and cited prior art refs.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☒ Certificate of Mailing by Express Mail
20. ☒ Other items or information:

- a.) Forms PCT/IB/301, 304 and 308;
- b.) Front page of published application No. WO00/51079 as published on August 31, 2000;
- c.) Certified translation of Japanese priority patent application No. P11-051867 filed on February 26, 1999;
- d.) PCT Easy Request;

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) 09/673252		INTERNATIONAL APPLICATION NO. PCT/JP00/01123		ATTORNEY'S DOCKET NUMBER KOIK-T0215	
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21. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :

<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO	\$970.00	CALCULATIONS PTO USE ONLY	
<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO	\$860.00		
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO	\$690.00		
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)	\$670.00		
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)	\$96.00		

ENTER APPROPRIATE BASIC FEE AMOUNT =

Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).		\$0.00	
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	11 - 20 =	0	x \$18.00	\$0.00	
Independent claims	3 - 3 =	0	x \$78.00	\$0.00	
Multiple Dependent Claims (check if applicable). <input type="checkbox"/>				\$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$860.00	
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). <input type="checkbox"/>				\$0.00	
SUBTOTAL =				\$860.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$0.00	
TOTAL NATIONAL FEE =				\$860.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>				\$0.00	
TOTAL FEES ENCLOSED =				\$860.00	
				Amount to be: refunded	\$
				charged	\$

☒ A check in the amount of **\$860.00** to cover the above fees is enclosed.

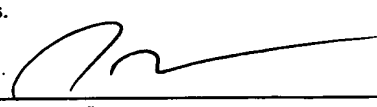
☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **12-1420** A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Charles P. Sammut, Esq.
Limbach & Limbach L.L.P.
2001 Ferry Building
San Francisco, CA 94111
(415) 433-4150



SIGNATURE

Mayumi Maeda

NAME

40, 075

REGISTRATION NUMBER

October 12, 2000

DATE

09/673202
422 Rec'd PCT/PTO 12 OCT 2000

PATENT

PATENT COOPERATION TREATY
UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

In re U.S. Nat'l Phase Appln. of:)	
)	
SHIGEHIRO SHIMADA ET AL.)	
)	
Based Upon International)	CERTIFICATION
Application No. PCT/JP00/01123)	UNDER
Int'l Filing Date: February 25, 2000))	<u>37 CFR §1.10</u>
)	
Serial No. Not Assigned)	
)	
Filed: Herewith)	
)	
For: CURVE GENERATING APPARATUS AND)	
CURVE GENERATING METHOD, AND)	
PROGRAM RECORDING MEDIUM)	
)	

Attn: Designated/Elected Office (DO/EO/US)
Assistant Commissioner for Patents
Box PCT
Washington, D.C. 20231

Dear Sir:

I hereby certify that this Application for entering the national phase of the above-identified International Application and the documents referred to as enclosed herein are being deposited with the United States Postal Service on this date, **October 12, 2000**, in an envelope bearing "Express Mail Post Office to Addressee" Mailing Label Number **EL254113553US** addressed to: Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231-0001, Attention U.S. Designated/Elected Office (DO/EO/US).

Enclosed are:

1. Transmittal Letter to the U.S. Designated/Elected Office, in duplicate;
2. Verified translation of International Application No. PCT/JP00/01123 as filed February 25, 2000, including Specification, Claims and Abstract;
3. PCT Request Form-EASY;
4. Combined Declaration/Power of Attorney/Claim of Priority (unsigned);

5. Thirty-one (31) Sheets of Formal Drawings comprising Figures 1 through 37B;
6. Copies of Forms PCT/IB/301, 304, and 308;
7. International Search Report;
8. English Translation of Japanese Priority patent application No. P11-051867 filed on February 26, 1999;
9. Information Disclosure Statement with Form 1449 and cited prior art references;
10. Front cover page of International Application published on August 31, 2000 as Publication No. WO00/51079;
11. Check in the amount of \$860.00;
12. Acknowledgement Postcard.

Dated: October 12, 2000


SUSAN OZANNE

LIMBACH & LIMBACH L.L.P.
2001 Ferry Building
San Francisco, California 94111
Telephone: (415) 433-4150

Attorney Docket No. KOIK-T0215

09/673202

422 Rec'd PCT/PTO 12 OCT 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT :
APPLICATION No. :
FILING DATE :
TITLE :

Group Art Unit :
Examiner :

Hon. Commissioner of Patents and Trademarks,
Washington, D.C. 20231

SIR:

CERTIFIED TRANSLATION

I, Reiko Nashimoto, am an official translator of the Japanese language into the English language and I hereby certify that the attached comprises an accurate translation into English of Japanese Application No. 11-051867, filed on February 26, 1999.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

September 26, 2000

Date

Reiko Nashimoto

Reiko Nashimoto

09/673202
422 Rec'd PCT/PTO 12 OCT 2000

Patent Office
Japanese Government

This is to certify that the annexed is a true copy of the following application as filed with this Office.

Date of Application: February 26, 1999

Application Number: Patent Application
Ser. No. 11-051867

Applicant: Sony Corporation

December 10, 1999

Commissioner,
Patent Office Takahiko Kondo

09/673202

422 Rec'd PCT/PTO 12 OCT 2000

[Document Name]	Patent Application
[Reference Number]	9900122903
[Filing Date]	February 26, 1999
[To]	Hon. Commissioner, Patent Office
[IPC]	H04N 5/275
[Inventor]	
[Address]	c/o Sony Corporation 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, Japan
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[Patent Applicant]	
[Identification Number]	000002185
[Name]	Sony Corporation
[Representative]	Nobuyuki Idei
[Patent Attorney]	
[Identification Number]	100067736
[Patent Attorney]	
[Name]	Akira Koike
[Patent Attorney]	
[Identification Number]	100086335

09/673202

422 Rec'd PCT/PTO 12 OCT 2000

[Patent Attorney]

[Name] Eiichi Tamura

[Patent Attorney]

[Identification Number] 100096677

[Patent Attorney]

[Name] Seiji Iga

[Indication of Charge]

[Number of Prepaid Ledger] 019530

[Amount] 21,000 yen

[List of Document]

[Document] Specification 1

[Document] Drawing 1

[Document] Summary 1

[General Power of Attorney Number] 9707387

[Need of Proof] Yes

09/673202

422 Rec'd PCT/PTO 12 OCT 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re International Application of

International Serial No. PCT/JP00/01123
International filing date: February 25, 2000
For: Curve Generating Apparatus and Curve Generating Method,
and Program Recording Medium

VERIFICATION OF TRANSLATION

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231
Sir:

Kouchi Takasaki, a member of A.KOIKE & CO., of 11-Mori
Bldg., 6-4, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 Japan,
declares:

(1) that he knows well both the Japanese and English
languages;

(2) that he translated the above-identified International
Application from Japanese to English;

(3) that the attached English translation is a true and
correct translation of the above-identified International
application to the best of his knowledge and belief; and

(4) that all statements made of his own knowledge are
true and that all statements made on information and belief are
believed to be true, and further that these statements are made
with the knowledge that willful false statements and the like are
punishable by fine or imprisonment, or both, under 18USC 1001,
and that such false statements may jeopardize the validity of the
application or any patent issuing thereon.

6th October 2000
Date

Kouchi Takasaki
Kouchi Takasaki